(No Model.)

C. L. BAKER.

TOP PROP NUT FOR VEHICLES.

No. 407,564. Patented July 23, 1889.

Fig. 1.



Fig. 2

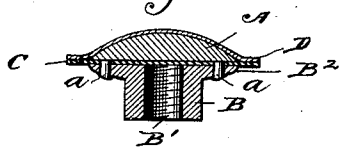


Fig. 3.



Fig. 4.

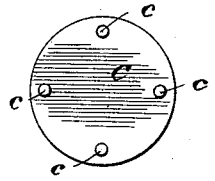


Fig. 5.

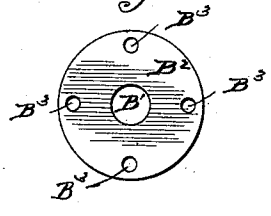
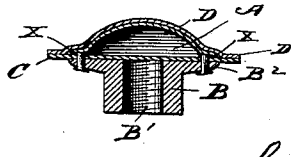


Fig. 6.



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UNITED STATES PATENT OFFICE.

CLAYTON L. BAKER, OF MOLINE, ILLINOIS.

TOP-PROP NUT FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 407,564, dated July 23, 1889.

Application filed April 9, 1889. Serial No. 306,521. (No model.)

To all whom it may concern:

Be it known that I, CLAYTON L. BAKER, a citizen of the United States, residing at Moline, in the county of Rock Island and State of Illinois, have invented certain new and useful Improvements in Top-Prop Nuts for Vehicles, of which the following is a specification.

My invention relates to an improved construction of top-prop nuts for vehicles, the bodies of which nuts are constructed of metal, and which have, for the sake of finish, a leather covering so secured as to be lasting and permanent.

In carrying out my invention I prefer to form the body of the nut in two parts, one comprising a threaded shank to secure the top-prop upon a short threaded bolt and the other a head adapted to fit upon the end of the shank portion to close the aperture thereof and form a stop. These two parts I prefer to secure together by means of rivets, which may be integral with the head or separate therefrom, as found most expedient, and which are adapted to pass through apertures in an annular flange projecting from the upper end of the shank portion. Between the head and the shank portions I place before they are secured together a disk or washer of leather whose edges project beyond the edge of the flange, and over the head I mold, press, or otherwise fit a covering of leather of such size that its edges will project to the same distance as the edge of the leather disk below, and these edges, overlapping each other in this manner, are secured together by means of stitching or in any other suitable way.

In the accompanying drawings, Figure 1 is a side elevation, and Fig. 2 a vertical cross-section, of the complete device in the preferred construction. Fig. 3 is a side elevation of the head portion; Fig. 4, a plan of the leather disk, and Fig. 5 a plan of the bottom portion. Fig. 6 is a cross-section showing a modification of the device.

In said drawings, A represents a head portion, which may be oval in form or a segment of a sphere and provided with the integral rivets *a*. The head may be made of metal.

B is the shank portion, having the threaded aperture B′, the peripheral flange B^2, and the apertures B^3 to receive the rivets *a*.

C represents a disk of leather, which will have apertures *c* to register with the apertures B^3 of the shank portion. This disk will be larger in diameter than the diameter of the flange B^2 of the shank portion, so as to project beyond the edge thereof, and it may take the form of a washer of leather.

After the parts A, B, and C are secured together the leather covering D is applied. This covering may consist of a circular sheet of leather of such diameter as when pressed over the oval head A its edge will overlap the edge of the disk C, whereby to provide for its securement by stitching, riveting, or other suitable means. It will be seen that the projecting edges of the leather disks C and D will sustain a great deal of wear without becoming frayed or unsightly and without any danger of releasing the covering D, and this is a great advantage over the usual construction, wherein the leather covering is doubled over the edge of the head, because when so placed it receives the wear at the doubling point and soon gives way or becomes frayed or unsightly.

In Fig. 6 I have shown a modification of my invention, in which the head is formed from a thin sheet of metal concave on its lower side and having at its periphery a right-angled bend, as shown at *x*, to provide space beneath for the reception of the head of a rivet, which in this case is an ordinary eyelet. This eyelet will be inserted through the apertures of the shank portion and of the leather disk, and then by a suitable tool applied to its lower end said end will be spread, and by pressure in a press or other manner the upper end beneath the right-angled bend of the head is also spread so as to secure it in place. In this instance the concave head A and the leather covering D are both secured by stitching, eyeleting, or otherwise securing the overlapping edges of the two leather portions.

I claim—

A top-prop nut comprising, in combination, a threaded shank provided with a periph-

eral flange having rivet-apertures therein, a head adapted to be secured to the flange of the shank portion by suitable rivets, a sheet or disk of leather interposed between the head and the flange of the shank portion and secured therebetween, and a leather covering for the head, secured to the described leather disk at the peripheral portions, substantially as described.

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